The Wobbly Oscillator

Cuyahoga Amateur Radio Society

February 2020 Volume 50 Number 2

Ham Classes Start February 20

From The Prez

Tech Orientation

I hated to miss the meeting last month; it was only the second one I've missed in over eighteen years. Capably led by VP Mark, WJ8WM, the desire for more technical activities was discussed. Those activities included meeting programs, additional technical discussions, and hands-on group projects. Mark emphasized the overall concept has to be member driven; ideas need to come from the members in general. Previous to the meeting, I opened up the subject in last month's *W.O.* reflecting a member's request wishing to learn more about the hobby and figured the club should be a good source for the knowledge. Although there was not the outpouring of interest we had hoped for at the meeting, we will continue to make this a topic at future meetings. So once again, fellow members, if there is anything of a technical nature you wish to see featured in one of these venues, please sing out at the meeting.

Next CARS Meeting

Tuesday, February 11
7:30 PM

Busch Community Room
7501 Ridge Rd.
Parma, OH 44129
Program:
DXpedition Video
Peter Island

Dinner Meeting

Let's gear up for a dinner meeting in March. Those March dinner meetings we have been doing for the last few years helped stifle the mid-winter blues and represented a precursor to spring. Over the years, we have found two popular hot spots: Simon's and the Fugi Grille. Naturally, we are open to suggestions of a new venue. We do have requirements: a separate room, the ability to order off the menu, and no automatic gratuity. If you know of a place that would qualify, please bring it up at the February meeting and we will decide where to go.

[Continued]

Larry, N8OWS, presents his 2 Meter/440 antenna to the group.

Licensing Classes

The CARS licensing classes will begin February 20th. Although a flyer is attached to the *W.O.* with the details, and the classes are announced on the website, I just wanted to take a minute to throw in an additional plug reminding readers to mention the classes to any interested acquaintances, or consider partaking in a class themselves to upgrade.

Hamvention Bus

One again, CARS will be sponsoring a bus to the Hamvention. Details will be available soon with sign up information and cost. As per norm, we will head down to the big event early Saturday morning and return that evening. Special thanks to Scott, AC8NW, for arranging the bus at an affordable cost, and Eddie, KD8FTS, for stepping up to run the program this year.

73, Toby, WT8O

CARS members enjoyed each other's company on a chilly January night.

Larry got deeper into his creation as he explained the inner workings and science of his antenna.

Minutes of the
CUYAHOGA AMATEUR RADIO SOCIETY
Busch Community Room
January 14, 2020

CALLED TO ORDER---The meeting was called to order by Vice-President Mark Moro, WJ8WM, at 7:30 P.M.

PLEGED OF ALEGENCE---Those present pledged allegiance to the flag of the United States of America.

PREVIOUS MINUTES---The minutes of the previous meeting were approved.

TREASURERS REPORT---Treasurer Bob Check, W8GC, gave the Treasurers report. Bob also pointed out that he is collecting the 2020 dues. Anyone not payed up by the end of January will not be allowed to vote in the Cuyahoga Amateur Radio Society.

TOP OF ARES---It was reported that Ron, K8RJH, and David, KD8ACO, were among the top ten members in the Ohio section of ARES.

NEW AMATEURS---Metro, W8MET, reported that our VE session produced two new licensed amateur radio operators. One became a Technician and the other became a General. Three people have already signed up for our February 20th class.

EQUIPMENT RACKS---Scott reported that the club has two surplus equipment racks.

50/50 DRAWING---The 50/50 drawing was won by Bob Check, W8GC. The amount was $49.00.

ADJOURNMENT---The meeting was adjourned at 7:58 P. M.

After the meeting Larry, N8OWS, Gave a talk and displayed some products used for converting used satellite dishes to amateur radio 2 Meter and 440 amateur use.

Ed Stevens, WB8ROK
Secretary

February Birthdays

Mike Balach, KB8UGT	2/2/55
Diane Balach, KD8FTV	2/7
Gordon Kolus, AI8Y	2/9/54
Gary Soloman, N8JNO	2/15/54
Linas Vaitkus, KE8KOJ	2/17/55
Joe Egert, KE8MQK	2/18/77
Larry Shimerka, N8OWS	2/20/56
David Noeth, KD8ACO	2/22
Doug Braun, KB8TGT	2/25/61

Tech Committee Report
Scott, AC8NW

Greetings from the Technical Committee, and Happy New Year! We would like to update the membership with our progress regarding the internet installation at the Brecksville site. The committee chose to install AT&T DSL, on the Business side of things, not U-verse. We feel that this connection will suit our needs, at least in the near term, and be stable. Ron, K8RGH, has done great work in this endeavor, and has placed the service order. Just recently, Mark, WJ8WM, and I were able to get an Ethernet cable pulled from the Service Garage over to the transmitter building. It was great that Mark's day off and mine coincided, and the fine folks at the Service building were very cooperative, many thanks to them! Many thanks to Mark for his help and expertise with the pull.

We just need to get an install date, which won't be long, and we can move our node hardware out there, and get it connected. We can all hope for a bug and gremlin free install. (Yeah, sure).

In the meantime, we encourage those of you who are interested, and have been using some of the digital stuff, like DMR and Fusion, to let your thoughts be known regarding systems you would like to see implemented. We are always open to suggestions to improve our fine repeater system.

Going forward, we must encourage and promote the expansion of the user base, as we must have activity on the systems we install to justify their existence. I know there have been several members that have been enthusiastic about the DMR and Fusion recently, and if anyone is thinking about dipping their toe, please talk to them, they are at the meetings, and would love to answer any questions.

That's all I have for now, and 73.
Scott AC8NW

Mark, WJ8WM, expertly running the cable for the repeater's internet connection.

Scott and Mark braved a blustery winter's day to link our repeater to the internet.

Cuyahoga Amateur Radio Society
December 17th, 2019 BOD Minutes

The CARS Board of Directors meeting was called to order by Board Chairman Andy Evridge, KD8SCV, at 7:00 PM on the 17th day of the month at the Independence Library.

Meeting Attendees were,
Andy-KD8SCV
Bob-W8GC
Mark-WJ8WM
Toby-WT8O
Larry-N8OWS
Ed-WB8ROK
Mike-KD8OUE
Arp-K8ARP
Terry – KB8DTC
Ron – K8RJH

The following items were discussed and action taken noted.

February Net Sked

FEB	5	KD8ACO
FEB	12	WT8O
FEB	19	N8OWS
FEB	26	KD8OUE

Nets are run every Wednesday at 9:00 PM on 146.820 (PL 110.9)

1. **August 2019 BOD meeting minutes**. The minutes from the August meeting were approved.

2. **The Hamvention Bus.** A motion was made by Bob, W8GC, with a second from Terry, KB8DTC, to sponsor a bus to the 2020 Hamvention in Greene County, Ohio. Mike, KD8OUE, asked if we could just approve the bus trip one time then do it every year. Mark, WJ8WM stated that the club had certain rules concerning this and the bus would have to be approved each year. The motion passed.

3. **Internet service at the Brecksville repeater site**. Ron, K8RJH, who was recently added to the Technical committee circulated a block diagram to the Board outlining current and future applications for the repeater. Internet connectivity was discussed. DSL or Fiber? Fiber would be more expensive per month than DSL but the installation would be at no charge. Upgrades to the repeater could generate more interest. The Board will ask the Technical Committee for a timeline for their completion of work.

4. **Club Membership.** Bob, W8GC, reported a membership total of 132 members. There was a discrepancy on the total from the number Toby had as to Bob's report. Toby and Bob will compare notes on the matter. *[The membership was subsequently verified at 132. Ed]*

5. **School Station.** Toby would like to see the club be a "Teaching" club to assist younger ham operators who are beginning in the hobby. The club previously had a station at Copley Middle School, and talk generated around possibly looking into another school station in the future if there was sufficient interest.

[Continued]

6. **The Boy Scouts.** The Boy Scouts can obtain a “Merit” badge for Amateur Radio. Talk generated around contacting the Boy Scouts to determine if there was an interest. Andy, KD8SCV, stated he would make a few calls to the Boy Scouts. A Technician Class was also discussed for the Boy Scouts. A club in Medina currently conducts classes and license testing for the Boy Scouts. Toby would like to see more club members get involved in these activities.

7. **Fundraisers.** Topics were discussed to help bring additional revenue into the club.

8. The meeting was adjourned at 7:51 PM.

Submitted by Larry Shimerka, N8OWS.

Dues Reminder

Reminder, your 2020 CARS dues were payable on or before January 31, 2020. **If you have already paid THANK YOU.**

Dues can be paid in 3 ways, online by sending the funds via PayPal to w8gc@2cars.org PLEASE USE PERSONAL OPTION, you can also mail a check to:
CARS,
7395 Brecksville Rd.
Independence, OH 44131

Or pay in person at any CARS meeting. Dues are $26.00 per year for regular membership. Each additional family member is $16.00. If you are 60 yrs or older your dues are only $18.00 per year. CARS will offer assistance to anyone having a hardship. Please let me know if you have a hardship or know a member who needs help.

As of February 1, 2020 you are no longer in good standing and cannot vote at a CARS meeting. Please pay your dues ASAP or if for any reason you will not be paying this year let me know.

73

Bob Check, W8GC
Treasurer CARS
73

Welcome New Member

Scott Hanna, KE8NTW

Scott, AC8NW, and David, KD8ACO, lead a discussion at the Tech Committee meeting.

Two CARS Members recognized in the ARES Connect 2019 Summary Report

Ron, K8RJH

David Noeth, KD8ACO, and Ron Hollas, K8RJH, have been named as being in the top Ten (10) Individuals who logged the Most Event Hours in the Ohio Section ARRL ARES Connect reporting system for 2019.

Both Amateurs are active members in CARS, who logged numerous Amateur Radio event activities including ARRL Field Day, Club Nets, Meeting Support, Training and various Community events.

David, KD8ACO, is known for his Amateur Radio Training Classes, having tutored over 20 individuals last year for exam preparation of new and or upgraded license certificates. He has been instrumental in the technical side with building, operating and maintaining the EchoLink system for the Club's K8ZFR repeater this past year. Additionally, David is named as the CARS Ham of the Year for 2019 as an appreciation of his dedicated Club service.

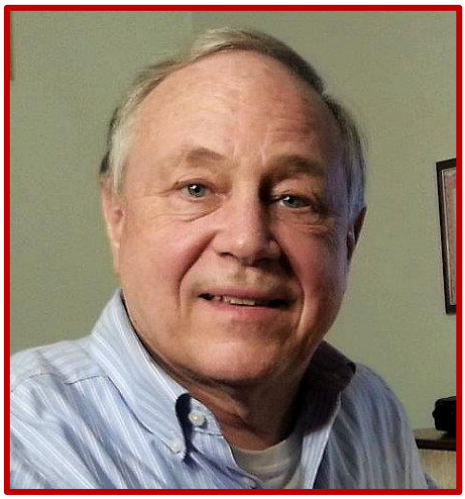
David has logged a total of 90 events for a total of 732.5 hours in ARES Connect, placing him as Number 7 in the Individual contributor for the ARRL Ohio Section in 2019.

Ron, K8RJH, logged a total of 133 events for 669 hours total in 2019. His activity included FEMA training with participation in numerous Amateur Nets and Community Events throughout the year. Ron has placed a notable Number 10 in the Ohio Section 2019 Individual activity report.

It is with great distinction that both Amateurs are members of CARS and it reflects their contribution of being part of an ARRL Special Service Club.

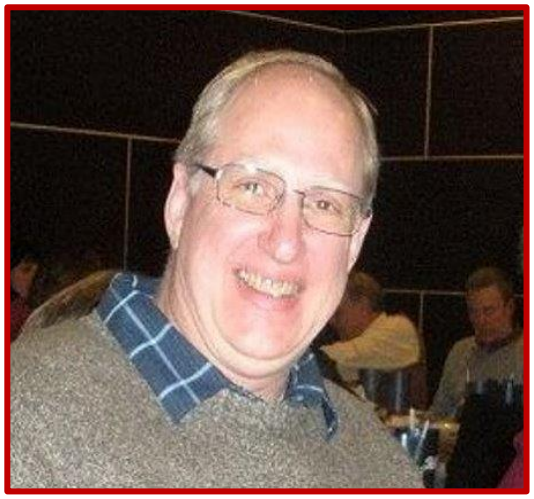
> *"A club that exists to go above and beyond for their communities and for Amateur Radio is what defines a Special Service Club (SSC). They are the leaders in their Amateur Radio communities who provide active training classes, publicity programs and actively pursue technical projects and operating activities."*

This is the first annual report to come directly from the data gathered from the ARRL ARES Connect. The Ohio Section is the first Section in the country to utilize this new system for all of its reporting data on actual amateur radio events, training and volunteer activity.



< Ron, K8RJH

David, KD8ACO>



CARS Repeaters

146.820 PL Tone 110.9

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

****

443.825 PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.82 Repeater

Brecksville

****

444.75 Receive PL Tone 131.8

449.75 Transmit

Stand-alone Not Linked

Shaker Hts.

For Sale

Kenwood TS2000 - New in unopened box.

Astron RF70M Power Supply - New in box.

Contact Robert Wick, KB8PYB
440-684-0960

January VE Session

The CARS January VE session brought two new hams into the Amateur Radio Service. Jeff Chen, KE8NTV, and Scott Hanna, KE8NTW passed their Technician exams becoming licensed amateurs. Scott subsequently passed the General exam and upgraded at the session. We welcome Jeff and Scott into the ham radio hobby. Congratulations gentlemen.

Special thanks to our outstanding VE team, capably led by Metro, W8MET, and consisting of Gary, NI8Z; Roger, N8TCP; Larry, N8OWS; George, K8KR; Joel, K8SHB, and Darren, K8DMT.

The next VE testing session will be held Sunday, March 8th, at 9:00 AM, at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net As always, walk-ins are welcome.

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC
Elected 2/10/15

Thomas Wayne, WB8N
Elected 1/10/17

Dwaine Modock, K8ME, SK
Elected 5/9/17

Toby Kolman, WT8O
Elected 10/10/17

Jerry Smith, NW9H
Elected 5/8/18

Ron Borkey, K8VJG
Elected 5/14/19

Radiosport

Contests

Feb. 10, 1300 – Feb. 14, 2359 **ARRL School Club Roundup** All Bands (No WARC) CW Ph
Exchange: RS(T), Class (I/C/S), SPC arrl.org/school-club-roundup

Feb. 21, 2200 – Feb. 23, 2200 **CQ 160-Meter Contest, SSB** 1.8 Ph cq160.com/rules.html
Exchange: W/VE:RS,SP;DX:RS, CQ Zone

Special Events Stations

Feb. 1, 1400 – 2100 **K3HWJ** Punxsutawney, PA **Groundhog Day Special Event Station** 14.330 7.235 Certificate punxyclub.com

Feb. 12, - Feb. 16, 0000 – 2359 **N4DAB** Daytona Beach, FL **2020 Daytona 500** 14.255 14.076 7.255 7.076 Certificate www.n4dab.com

QSO Parties

Feb. 1, 0000 – Feb. 2, 2359 **Vermont QSO Party** 1.8-UHF CW Ph Dig www.ranv.org/vtqso.html
Exchange: RS(T), county or SPC (State, Province, DXCC Entity)

Feb. 1, 1400 – 2359 **Minnesota QSO Party** 1.8 - 28 CW Ph Dig www.w0aa.org
Exchange: Name, county or SPC

Feb. 1, 1600–Feb. 2, 2359 **British Columbia QSO Party** 1.8-28 CW Ph Dig orcadxcc.org/bcqp_rules.html
Exchange: RS(T), BC District r SPC

Feb. 29, 1500 – Mar. 1, 0159 **South Carolina QSO Party** 1.8-50 CW Ph Dig scqso.com
Exchange: RS(T), county or SPC

Sampling from February, 2020 *QST* - Pg. 81 and 90. See *QST* for many more events.

All times in GMT ZULU time

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CARS 2020 Officers & Committees

Audit
WJ8WM ** WT8O, KD8OUE

Audio/Video
AC8NW **

ARRL Liaison
WJ8WM **

Awards
W8GC ** WT8O

Christmas party & Summer Picnic
?? **, WJ8WM, K8ARP

Club Photographer
N8OWS **

Field Day
?? **, WT8O, WJ8WM, K8RGI, K8ARP, KD8SCV, AC8NW, AC8TN, K8RJH, N8BBB food

50/50
KD8SCV

Hamvention Bus
KD8FTS **

License classes
KD8ACO **, WT8O, K8SHB

Media Representative
KD8SCV

Membership
WT8O **

NET
WT8O **

Newsletter
WT8O ** 440-525-6109
wt8o@att.net

Programs at Meetings
KD8QBB ** KD8BAL

Property Custodian's
KB8DTC records, W8GC equipment

Public Services
K8ARP ** KD8FTS

QSL Manager - W8HBI, W8BM
WB8N **

Refreshments at Meetings & Picnic
K8RJH ** pop, ?? ** coffee,
NW8X ** Donuts

Scholarship
W8GC ** WJ8WM, KD8SCV, WB8ROK, WB8N

Sunshine (welfare)
Andy, KD8SCV ** 440-886-0723

Technical
AC8NW ** N8OVW, WJ8WM, KD8ACO, K8RJH, K8MD, KB8DTC

VE Exams
Metro, W8MET ** 216-520-1320

Web Master/e-mail
W8GC **
** chairman or co-chairman

2020 Officers

PRESIDENT
Toby Kolman WT8O 440-525-6109
wt8o@att.net

VICE-PRESIDENT
Mark Moro, WJ8WM 216-661-0342

SECRETARY
Ed Stevens, WB8ROK 216-267-5473
Alternate Secretary:

TREASURER:
Bob Check W8GC 216-524-1750
Alternate Treasurer: Bob Robbins, K8RGI

Board Members & License Trustees

Board Chairman
Andy Evridge KD8SCV 440-886-0723
Alternate Chairman: Mike Kemmett, KD8OUE

even year executive board 2 year term
K8SHB, KB8DTC, KD8OUE

odd year executive board 2 year term
KD8SCV, K8ARP, K8RJH

License trustee
K8ZFR
WT8O

License trustee
W8HBI, W8BM,
W8GC

February 1, 2020

Sign up now for CARS 2020 Winter Ham Radio classes, get your Technician, General or Extra class license!

Thursday evenings starting February 20, 2020
and ending April 2, 2020 at 6:30 pm

April 2nd will be a special VE Test session for all license classes,
ARRL fee for this VE test is $15.00

To register please follow the link at www.2cars.org and complete the on-line application or call 216-932-8005 Dave, KD8ACO

Classes will be held at the Seven Hills City Hall, 7325 Summit View Dr Seven Hills, OH 44131 in room "C" at 6:30 pm every Thursday. The entrance is at the East end on the South side of building

class fees: Technician $25.00, all who pass get a free CARS membership for 2020, General and Extra $20.00 non members or Extra is *$15.00 CARS members*, General class ONLY is FREE to CARS members
All class materials are provided